

## EAST Search History

| Ref # | Hits   | Search Query  | DBs                    | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|------------------------|------------------|---------|------------------|
| L1    | 1018   | immunochromatography  | US-PGPUB; USPAT        | OR               | OFF     | 2006/09/06 19:16 |
| L2    | 54374  | "356"/\$.ccls.  | US-PGPUB; USPAT        | OR               | OFF     | 2006/09/06 19:16 |
| L3    | 6      | L1 and L2   | US-PGPUB; USPAT        | OR               | OFF     | 2006/09/06 19:16 |
| L4    | 6      | ("4537861"   "5313264"   "5480775"   "5770389"   "6134002"   "6245507").PN. | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2006/09/06 19:16 |
| L5    | 0      | ("6879399").URPN.   | USPAT                  | OR               | OFF     | 2006/09/06 19:16 |
| L6    | 2      | ("5572287"   "5770389").PN.   | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2006/09/06 19:16 |
| L7    | 295378 | chromatography  | US-PGPUB; USPAT        | OR               | OFF     | 2006/09/06 19:16 |
| L8    | 1052   | L2 and L7   | US-PGPUB; USPAT        | OR               | OFF     | 2006/09/06 19:16 |
| L9    | 35     | 356/432.ccls. and L8  | US-PGPUB; USPAT        | OR               | OFF     | 2006/09/06 19:16 |
| L10   | 569297 | semiconductor   | US-PGPUB; USPAT        | OR               | OFF     | 2006/09/06 19:16 |
| L11   | 6      | L9 and L10  | US-PGPUB; USPAT        | OR               | OFF     | 2006/09/06 19:16 |
| L12   | 6      | "148007".ap.  | US-PGPUB; USPAT        | OR               | OFF     | 2006/09/06 19:16 |
| L13   | 1      | "5410400".pn.   | US-PGPUB; USPAT        | OR               | OFF     | 2006/09/06 19:16 |
| L14   | 1      | "4762412".pn.   | US-PGPUB; USPAT        | OR               | OFF     | 2006/09/06 19:16 |
| L15   | 474    | semiconductor adj photodetector   | US-PGPUB; USPAT        | OR               | OFF     | 2006/09/06 19:16 |
| L16   | 2      | 356/432.ccls. and L15   | US-PGPUB; USPAT        | OR               | OFF     | 2006/09/06 19:16 |
| L17   | 1      | chromotography and L15  | US-PGPUB; USPAT        | OR               | OFF     | 2006/09/06 19:16 |
| L18   | 7      | chromatography and L15  | US-PGPUB; USPAT        | OR               | OFF     | 2006/09/06 19:16 |
| L19   | 2      | (("5564803") or ("4505589")).PN.  | US-PGPUB; USPAT        | OR               | OFF     | 2006/09/06 19:16 |
| L20   | 263    | 356/344.ccls.   | US-PGPUB; USPAT        | OR               | OFF     | 2006/09/06 19:16 |

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|     |        |  |                      |    |     |                  |
|-----|--------|--|----------------------|----|-----|------------------|
| L21 | 14365  | optical near head                                  | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/06 19:16 |
| L22 | 598512 | scan\$6  | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/06 19:16 |
| L23 | 1403   | L22 with L21                                       | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/06 19:16 |
| L24 | 480032 | detector or photodetector or photodiode            | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/06 19:16 |
| L25 | 583123 | laser or "light source"                            | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/06 19:16 |
| L26 | 69060  | L25 with L24                                       | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/06 19:16 |
| L27 | 7603   | L22 with L26                                       | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/06 19:16 |
| L28 | 274    | chromatography and L27                             | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/06 19:16 |
| L29 | 137    | 356/409.ccls.                                      | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/06 19:16 |
| L30 | 263    | 356/344.ccls.                                      | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/06 19:16 |
| L31 | 1      | L23 and L30  | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/06 19:16 |
| L32 | 252617 | ((guide or guides) near (rail or rails)) or guides | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/06 19:16 |
| L33 | 850931 | motor  | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/06 19:16 |
| L34 | 28993  | L33 same L32                                       | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/06 19:16 |
| L35 | 1503   | L22 same L34                                       | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/06 19:16 |
| L36 | 11     | L21 same L35                                       | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/06 19:16 |
| L37 | 708883 | motor  | EPO; JPO;<br>IBM_TDB | OR | OFF | 2006/09/06 19:16 |
| L38 | 11980  | optical near head                                  | EPO; JPO;<br>IBM_TDB | OR | OFF | 2006/09/06 19:16 |
| L39 | 934505 | rail or rails or guide or guides                   | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/06 19:16 |
| L40 | 6256   | L33 same L39 same L22                              | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/06 19:16 |
| L41 | 64     | L40 and chromatography                             | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/06 19:16 |
| L42 | 509    | 356/402.ccls.                                      | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/06 19:16 |

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|     |        |  |                      |    |     |                  |
|-----|--------|--|----------------------|----|-----|------------------|
| L43 | 64594  | ((guide or guides) near (rail or rails)) or guides | EPO; JPO;<br>IBM_TDB | OR | OFF | 2006/09/06 19:16 |
| L44 | 5371   | L37 same L43                                       | EPO; JPO;<br>IBM_TDB | OR | OFF | 2006/09/06 19:16 |
| L45 | 185593 | scan\$6  | EPO; JPO;<br>IBM_TDB | OR | OFF | 2006/09/06 19:16 |
| L46 | 104    | L45 same L44                                       | EPO; JPO;<br>IBM_TDB | OR | OFF | 2006/09/06 19:16 |
| L47 | 1      | L38 same L46                                       | EPO; JPO;<br>IBM_TDB | OR | OFF | 2006/09/06 19:16 |
| L48 | 104    | L44 same L46                                       | EPO; JPO;<br>IBM_TDB | OR | OFF | 2006/09/06 19:16 |
| L49 | 65     | L21 same L40                                       | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/06 19:16 |
| L50 | 49     | L41 not L49  | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/06 19:16 |
| L51 | 5      | "785411".ap.                                       | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/06 19:16 |

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|-------|------|--|----------|------------------|---------|------------------|
| L52   | 1    | (immunochromatography and chassis and (guide near2 rails) and scan\$).clm. | US-PGPUB | OR               | OFF     | 2006/09/06 19:25 |
| L53   | 1    | (immunochromatography and chassis and optic\$ and scan\$).clm.             | US-PGPUB | OR               | OFF     | 2006/09/06 19:25 |